

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method of installing a gasket in a socket end of a thermoplastic pipe which is used to form a pipe coupling, the method comprising the steps of:

providing a mandrel with an inner end and an outer end and having a generally cylindrical outer working surface;

installing a gasket at a first circumferential position on the outer working surface, the gasket having at least selected surfaces coated with an external polyurethane anti-corrosion and anti-friction coating which is able to withstand temperature, chemical attack and abrasion;

providing a retention member at a second circumferential location on the mandrel nearer the inner end of the mandrel, the retention member abutting the gasket in a normally extended position but being retractable to a retracted position in a subsequent manufacturing step;

heating a socket end of the thermoplastic pipe;

forcing the heated socket end of the thermoplastic pipe over the working surface of the mandrel and over the gasket with the retention member being in the extended position, whereby the heated socket end of the thermoplastic pipe flows over the gasket to form a retention groove for retaining the gasket and again contacts the working surface of the mandrel;

cooling the heated socket end of the thermoplastic pipe;

retracting the cooled socket end of the thermoplastic pipe and the retained gasket from the working surface of the mandrel.

Claim 2 (original): The method of claim 1, wherein the coating when cured has the following published physical properties:

Tensile strength ASTM D 412 Method A, Die C	5000psi
Percent Elongation ASTM D 412 Method A, Die C	500 percent
Taber Abraser CS17 1000 g/1000 cycles	No loss
Durometer Shore A	110

Claim 3 (original): The method of claim 1, wherein the external coating is sprayed on.

Claim 4 (original): The method of claim 1, wherein the gasket is an elastomeric, ring shaped member having a circumferential contact area and an exterior surface, and wherein the coating is applied to at least selected portions of the circumferential contact area.

Claims 5-6 (canceled).